

Date: Thursday, 3/2/2006 3:07:01 PM
User: Kim Johnston

Process Sheet

Customer :	CU-DAR001 Dart Helicopters Services	Drawing Name :	DART 5-MAN SHOULDER HARNESS KIT	
Job Number :	26022			
Estimate Number :	10409			
P.O. Number :	N/A	Part Number :	D412702033	
This Issue :	3/2/2006	S.O. No. :	N/A	
Prsht Rev. :	NC	Drawing Number :	N/A	
First Issue :	N/A	Project Number :	N/A	
Previous Run :	24730	Drawing Revision :	N/A	
		Material :	N/A	
Written By :	<u>SEE COMMENT BELOW</u>		Due Date :	3/15/2006
Checked & Approved By :	<u>KJ 06.03.02</u>		Qty:	2 Um: Each
Comment :	Est Rev:A 05.11.03 New issue KJ/EC			

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
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**Comment:** DOCUMENT CONTROL

Photocopy bluefile and create labels per PPP D412-702-033CHG001

KJ 06/03/03

2.0	PACKAGING 1	PACKAGING RESOURCE #1
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**Comment:** PACKAGING RESOURCE #1

Pick Packing Kit

3.0	D31961	Bar
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**Comment:** Qty.: 1.0000 Each(s)/Unit Total : 2.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description

Batch

1 D3196-1

Bar

B 25849 ✓

4.0	D32681	Placard
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**Comment:** Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description

Batch

2 D3268-1

Placard

B 25103 ✓

5.0	D3446041	Harness Assembly
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**Comment:** Qty.: 5.0000 Each(s)/Unit Total : 10.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description

Batch

5 D3446-041

Harness Assembly

B 25175 ✓

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: ☒ Date: 06/03/06

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 3/2/2006 3:07:02 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: DART 5-MAN SHOULDER HARNESS KIT

Job Number: 26022

Part Number: D412702033

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

MS24694S152

Screw



Comment: Qty.: 2.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick: Packing Kit

Qty Part Number

Description Batch

2 MS24694-S152 Screw

2x m18 634/2x m100244

C 2006/03/06 (2)

7.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

8.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D412-702-033

Location: A

C 2006/03/06

(2)

9.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Inspection Level 21

D 06/03/06 (2)

Job Completion

LL



Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Wednesday, 4/5/2006 2:46:28 PM
 User: Linda Lacelle

Process Sheet

Customer : CC-DAR01 Dart Aerospace Ltd.	Drawing Name : D412-702
Job Number : 26591	
Estimate Number : 10804	
P.O. Number : N/A	Part Number : Z_CUSTOM
This Issue : 4/5/2006 S.O. No. : N/A	Drawing Number : UPD. PAPERW/AD HRDW
Prsht Rev. : NC	Project Number : N/A
First Issue : N/A Type : N/A	Drawing Revision : N/A
Previous Run : 00015	Material : N/A
Written By : <u>SEE ABOVE DATE & USER</u>	Due Date : 4/12/2006 Qty: 1 Um: Each
Checked & Approved By : <u>" " " "</u>	
Comment :	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

PULL ALL:

D412-702-011

D412-702-013

D412-702-017

D412-702-021

D412-702-023 ✓ B26074 3 Box B25765 3 Box

D412-702-027

D412-702-033 ✓ B26022 1 Box

2.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

ADD PAPERWORK DSI 9312 REV.B & DSI 9324 REV.A

ADD QTY'S OF MS24694-S154 PER DSI

-011 = 8 X MS24694-S154 B _____

-013 = 2 X MS24694-S154 B _____

-017 = 6 X MS24694-S154 B _____

-021 = 8 X MS24694-S154 B _____

-023 = 2 X MS24694-S154 B M13668

-027 = 6 X MS24694-S154 B _____

2 X -33 = M13668

3.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

RETURN TO STOCK

Date: Tuesday, 5/16/2006 12:35:25 PM
 User: Linda Lacelle

Process Sheet

Customer	: CC-DAR01 Dart Aerospace Ltd.	Drawing Name	: D412-702
Job Number	: 27154		
Estimate Number	: 10804		
P.O. Number	: <i>N/A</i>	Part Number	: Z_CUSTOM
This Issue	: 5/16/2006 S.O. No. : <i>N/A</i>	Drawing Number	: UPDATE PAPERWORK
Prsht Rev.	: NC	Project Number	: <i>N/A</i>
First Issue	: <i>N/A</i> Type : <i>N/A</i>	Drawing Revision	: <i>N/A</i>
Previous Run	: 00015	Material	: <i>N/A</i>
Written By	: <i>SEE ABOVE USER & DATE</i>	Due Date	: 5/23/2006 Qty: 1 Um: Each
Checked & Approved By	: <i>[Signature]</i>		
Comment	:		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

ADD NEW PAPER WORK TO KITS IN STOCK
 STC SH04-7 ISSUE 3

D412-702-021

~~no stock~~*B25853 ✓*

D412-702-023

~~2x B25765~~~~3x B26074~~

D412-702-025

~~1x B25765~~*1x B25444 / 1x B25764 ✓*

D412-702-033

*1x B26022**C206105116*

2.0	DC	DOCUMENT CONTROL
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Comment: DOCUMENT CONTROL
 INSPECT LEVEL 21

Job Completion



Q 06105117
h 060517

ECN #782

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD		ECN #: 782	
Date: 06.03.10			
Project No: D412-702	Created By: CP	Checked By: #	
Project Name: Shoulder harnesses	Approved By: # (Proj. Manager)	Approved By: N/A (Management if reqd)	

Description of Change:

Release: D3197 RevB FMS-D412-702 RevC
 D3489 RevA ICA-D412-702 Rev.2
 D3416 RevB IIN-D412-702 Rev.C
 STC SH41-7 Iss 3

Engineering Actions	Yes	No	Responsible	To happen by:	Complete
Required Documents Under Review?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Update Blue/Pink Folder/Electronic File	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KJ/CP	06.03.13	06.03.10 KJ CP
Update DSI Folder/Electronic File	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Update D-Part Master Binder	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KJ	ASAP	06.03.21 KJ
Update Grey Project Binder	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KJ	06.03.13	06.03.13 KJ
Update DEO/DSI Binder	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Update Master Document List (MDL)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CP	06.03.13	06.03.13 CP
Update Drawing Approval Record (DR)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CP/DS	06.03.13	06.03.10 CP
Update Change Record Form	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CP/KJ	06.03.13	06.03.10 CP
Move Electronic File	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KJ	06.03.13	06.03.10 KJ
Notify TCA of Change	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	DS	06.04.13	06.03.08 DS
Notify FAA of Change	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Update QSI 021 (TC/FAA STC)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KJ	06.03.13	06.03.10 KJ
Update QSI 036 (K-Kits)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Scan Documents	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KJ	ASAP	06.03.21 KJ
Update Accpac Database	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KJ	06.03.13	06.03.13 KJ
Update Access Database	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KJ	06.03.13	06.03.13 KJ
Verification ARC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KJ/CP	06.03.13	06.03.13 KJ CP
Create/Update STC Approval List	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KJ	06.03.13	06.03.10 KJ
Update Prod. Dev. Summary	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CP	ASAP	06.03.13 CP
Create/Update COSS (Estimate/BOM)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	JM	ASAP	06.03.13 JM
Create/Update PPP's	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KJ	06.03.13	06.03.13 KJ
Update Paperwork Kits in Production	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			NONE IN PROD KJ
Update Paperwork Kits in Stock	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Rework/Scrap Current Production	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Rework/Scrap Kits in Stock?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Update Qpulse	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Create/Update Controlled PDF Dwgs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	KJ	06.03.13	06.03.21 KJ
Create/Update FAI sheets	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Create/Update CNC Programs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Create/Update Tooling	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Create/Update DXF File	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
MPP required?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Notify Previous Customers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Notify Eurocopter France	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

Notes:

- D24-702-035 is a new kit at CHG001.
- Re-stock all JERGEN per 806206 as D3489-3-200 per D3489 RevA

U / ANYTHING IN STOCK BEFORE DATE OF
 TC STC MUST HAVE NEW PAPERWORK
 CAN YOU PULL % LET ME KNOW HOW MANY

ECN Complete: _____

Date: _____



Transport
Canada

Transports
Canada

Department of Transport

Supplemental Type Certificate

This approval is issued to:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ontario
Canada K6A 1K7

Number: SH04-7

Issue No.: 3

Approval Date: February 06, 2004

Issue Date: March 09, 2006

Responsible Office:

Ontario

Aircraft/Engine Type or Model:

BELL 205A-1, 205B, 212, 214B, 214B-1, 412, 412 CF, 412 EP

Canadian Type Certificate or Equivalent:

BELL 205B H-104
BELL 214B, 214B-1 H-80
BELL 212, 412, 412 CF, 412 EP H-86
BELL 205A-1 H1SW

Description of Type Design Change:

Shoulder Harness Kits

**Installation/Operating Data,
Required Equipment and Limitations:**

Manufacture of the Shoulder Harness Kits must be in accordance with Dart Aerospace Ltd.
MDL-D412-702, Revision B, approved Jan 17 2006, or later approved revisions.

Installation of the Shoulder Harness Kits must be in accordance with Dart Aerospace Ltd.
IIN-D412-702, Revision C, approved Mar 07 2006, or later approved revision.

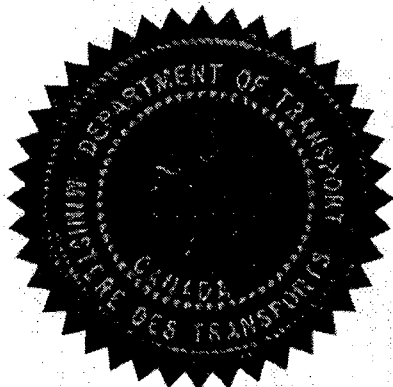
Maintenance of the Shoulder Harness Kits must be in accordance with Dart Aerospace Ltd.
ICA-D412-702, Revision 2, Transport Canada accepted Mar 09 2006, or later Transport Canada
accepted revisions.

Operation with the Shoulder Harness Kits must be in accordance with Dart Aerospace Ltd.
FMS-D412-702, Revision C, Transport Canada approved Mar 09 2006, or later Transport Canada
approved revisions.

Basis of Certification:

The basis of certification for this modification was FAR 29, up to and including Amendment 29-47,
except for 29.561, 29.562, and 29.785 at Amendment 29-11.

- End -



Conditions: This approval is only applicable to the type/model of aeronautical product specified therein.
Prior to incorporating this modification, the installer shall establish that the interrelationship between this
change and any other modification(s) incorporated will not adversely affect the airworthiness of the
modified product.

M. G. Mariotti
For Minister of Transport

Canada

ACTIVITY SUMMARY REPORT



DART AEROSPACE LTD
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7

Attendees:

Report Type:

Subject:

Venue:

Date:

Sheet _____ of _____

Item	Action / Description	Responsible	Due Date	Action / Date
	D412-702-021 B 25853	QTY =	1	
	D412-702-025 / B25444	QTY =	1	
	/ B25766	QTY =	1	
	D412-702-033 / B26022	QTY =	1	

Date: Wednesday, 4/5/2006 2:46:28 PM
 User: Linda Lacelle

Process Sheet

Customer	: CC-DAR01 Dart Aerospace Ltd.	Drawing Name	: D412-702
Job Number	: 26591		
Estimate Number	: 10804		
P.O. Number	: N/A	Part Number	: Z_CUSTOM
This Issue	: 4/5/2006 S.O. No. : N/A	Drawing Number	: UPD. PAPERW/AD HRDW
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: N/A Type : N/A	Drawing Revision	: N/A
Previous Run	: 00015	Material	: N/A
Written By	: <u>SEE ABOVE DATE & USER</u>	Due Date	: 4/12/2006 Qty: 1 Um: Each
Checked & Approved By	: <u> </u>		
Comment	:		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

PULL ALL:

D412-702-011

D412-702-013

D412-702-017

D412-702-021

D412-702-023 ✓ B26074 3 Box ✓ B26765 3 Box ✓

D412-702-027

D412-702-033 ✓ B26022 1 Box

Re 4/4/6

2.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

ADD PAPERWORK DSI 9312 REV.B & DSI 9324 REV.A

ADD QTY'S OF MS24694-S154 PER DSI

-011 = 8 X MS24694-S154 B _____

-013 = 2 X MS24694-S154 B _____

-017 = 6 X MS24694-S154 B _____

-021 = 8 X MS24694-S154 B _____

-023 = 2 X MS24694-S154 B M13668

-027 = 6 X MS24694-S154 B _____

2 X -33 = M13668

Re 4/4/6

3.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

RETURN TO STOCK

Re 4/4/6

Date: Wednesday, 4/5/2006 2:46:28 PM
User: Linda Lacelle

Process Sheet

Customer: CC-DAR01 Dart Aerospace Ltd.

Drawing Name: D412-702

Job Number: 26591

Part Number: Z_CUSTOM

Job Number:



Seq. #:

Machine Or Operation:

Description :

4.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL
INSPECT LEVEL 21

① 06/04/10

Job Completion



u 06.04.02

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD				ECN #: 790	
Date: 06.03.31				Created By: CP	
Project No: D412-702				Checked By:	
Project Name: Shoulder Harness				Approved By: (Proj. Manager)	
Approved By: (Management if reqd)					
Description of Change: Release DSI 9312 Rev B DSI 9324 Rev A					
Engineering Actions	Yes	No	Responsible	To happen by:	Complete
Required Documents Under Review?	✓		CP		
Update Blue/Pink Folder/Electronic File	✓		KT	06.04.03	06.04.03
Update DSI Folder/Electronic File	✓		KT	06.04.03	06.04.03
Update D-Part Master Binder		✓			
Update Grey Project Binder	✓		CP		
Update DEO/DSI Binder	✓		CP KT	06.04.03	06.04.03
Update Master Document List (MDL)	✓		KT	06.04.03	06.04.03
Update Drawing Approval Record (DR)	✓		KT	06.04.03	06.04.03
Update Change Record Form		✓			
Move Electronic File	✓		KT	06.04.03	06.04.03
Notify TCA of Change	✓		KT/DS		
Notify FAA of Change		✓			
Update QSI 021 (TC/FAA STC)		✓			
Update QSI 036 (K-Kits)		✓			
Scan Documents	✓		KT	06.04.03	06.04.03
Update Accpac Database					
Update Access Database					
Verification ARC		✓			
Create/Update STC Approval List		✓			
Update Prod. Dev. Summary		✓			
Create/Update COSS (Estimate/BOM)	✓		JLM		06.04.03
Create/Update PPP's		✓			
Update Paperwork Kits in Production	✓		KT/DH		
Update Paperwork Kits in Stock	✓		LL/KT		
Rework/Scrap Current Production	✓		LL		
Rework/Scrap Kits in Stock?	✓		LL		
Update Qpulse		✓			
Create/Update Controlled PDF Dwgs	✓	✓	KT	06.04.03	06.04.03
Create/Update FAI sheets		✓			
Create/Update CNC Programs		✓			
Create/Update Tooling		✓			
Create/Update DXF File		✓			
MPP required?		✓			
Notify Previous Customers	✓		Petsy		
Notify Eurocopter France		✓			
Notes: Add 8/54 M-S 2464-5154 screws to D412-702-011/-013/-017/-021/-023/-027- /-033 kits per DSI 9312 Rev B & DSI 9324 Rev A. Also add DSIs to existing kits. - Send DSIs to customers who complained about screw length and/or wanted to install 4 straps on one seat bar (UH-1, D412-702-033 only) - Add DSI 9324 to aforementioned kits, replace DSI 9312 Rev A with DSI 9312 Rev B					

ECN Complete: _____ Date: _____